

The background features abstract, overlapping green geometric shapes in various shades of green, creating a modern and dynamic look. The shapes are primarily located on the left and right sides of the page, framing the central text.

# GHG Intensity Projects

A How-To Guide

# Summary

- ▶ Step 1: Identify
- ▶ Step 2: Apply
- ▶ Step 3: Energy Audit
- ▶ Step 4: Identify and develop projects
- ▶ Step 5: Complete projects

# Step One: Identification

- ▶ DHCD will identify developments which emit high amounts of greenhouse gas (GHG) emissions, or
- ▶ Developments which emit high amounts of GHG per square foot
  - ▶ This is called High GHG Intensity
- ▶ DHCD will alert the LHA, and invite them to participate

# Step Two: Application for Energy Audit

- ▶ DHCD will assist the LHA in completing the LISC Energy Audit Application
- ▶ DHCD will submit the application to LISC on the LHA's behalf
- ▶ Please note: agreeing to participate in the program commits DHCD and the LHA to make good-faith efforts to design and install components coming from the report!

# Step Three: The Energy Audit

- ▶ ASHRAE Level 2 Energy Audits include:
  - ▶ Analysis of utility bills
  - ▶ Site walkthrough, assessing lighting, HVAC, hot water, plug loads, air quality, humidity, etc.
  - ▶ Modeling energy consumption to identify:
    - ▶ What building systems consume the most energy, and
    - ▶ What improvements can be made to save energy

# Step Four: Identify and Develop Projects

- ▶ The Energy auditor will present DHCD and the LHA with suggested improvements to greatly decrease GHG emissions
- ▶ DHCD PM, LHA, and Sustainability Program Developer will assess feasibility and timing of developing projects, and submit via CIP revision
- ▶ Once projects are identified, Sustainability Program Developer will contact LEAN and ask them to assess the projects:  
<https://leanmultifamily.org/#contact>
- ▶ DHCD Sustainability funding will likely be available to cover large portions of the project scope if they are within the Sustainability categories defined by DHCD and will not be covered by LEAN.

## Step Five: Complete Projects

- ▶ Project team will complete projects, with or without LEAN assistance, per usual process

LHA will then enjoy lower utility consumption and bills, better indoor air quality, and fewer GHG emissions!

# Any Questions?

Please ask Greg Abbe, Sustainability Program Developer at  
[gregory.abbe@mass.gov](mailto:gregory.abbe@mass.gov)